

In the Claims:

Please add claims 108-114 as set forth below.

1-106. (Previously Cancelled)

107. (Currently Amended) An isolated nucleic acid encoding a human Survival of Motor Neuron-Interacting Protein 1, wherein said nucleic acid encodes a ~~protein~~ polypeptide comprising SEQ ID NO: 2 that differs from the amino acid sequence of SEQ ID NO: 2 by a mutation that inhibits binding of Survival Motor Neuron-Interacting Protein 1 with Survival Motor Neuron protein, wherein said mutation is selected from the group consisting of a deletion of the carboxyl terminal 89 amino acids relative to the amino acid sequence of SEQ ID NO: 2 and a deletion of the carboxyl terminal 162 amino acids relative to the amino acid sequence of SEQ ID NO: 2, and further wherein said nucleic acid comprises a nucleic acid encoding a tag polypeptide covalently linked thereto.

108. (New) The isolated nucleic acid of claim 107, said nucleic acid further comprising a nucleic acid encoding a promoter/regulatory sequence operably linked thereto.

109. (New) A vector comprising the isolated nucleic acid of claim 107.

110. (New) The vector of claim 109, said vector further comprising a nucleic acid encoding a promoter/regulatory sequence operably linked thereto.

111. (New) A recombinant cell comprising the vector of claim 109.

112. (New) A recombinant cell comprising the isolated nuclei acid of claim 107.

113. (New) An antisense isolated nucleic acid complementary to the nucleic acid of claim 107.

114. (New) A recombinant cell comprising the antisense nucleic acid of claim

113.